

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q94053

Koichi NAKANO, et al

Appln. No.: National Stage of PCT/JP2004/014471

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: April 3, 2006

Examiner: Unknown

For: METHOD OF REMOVING MUCUS AND CELL TREATMENT SOLUTION AND  
PRESERVATIVE SOLUTION USED THEREFOR

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

A copy of an International Search Report in a counterpart application is submitted herewith. The USPTO should receive copies of the references cited in the International Search Report from the International Bureau. Applicant will furnish any missing references upon request.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action

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on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith an English-language version of a Communication from a foreign patent office in a counterpart application citing such documents (International Search Report for PCT/JP2004/014471 dated November 2, 2004), indicating the degree of relevance found by the foreign patent office.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: An English language abstract, submitted herewith, constitutes a concise statement of relevance for Japanese Patent Application Publication No. 10-323183, and a computer-generated translation for JP 7-46101 and JP 7-46100. In addition, U.S. 5,256,571, JP 10-323183, JP 7-46101, and JP 7-46100 are cited on page 4 of the specification.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

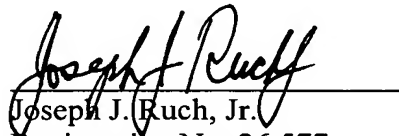
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IAP15 Rec'd PCT/PTO 03 APR 2006

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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

  
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23373

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Date: April 3, 2006

Substitute for Form 1449 A & B/PTO  <b><u>INFORMATION DISCLOSURE</u></b> <b><u>STATEMENT BY APPLICANT</u></b>  (use as many sheets as necessary)				Complete if Known <b>10/574471</b>	
				Application Number	National Stage of PCT/JP2004/014471
				Confirmation Number	Unknown
				Filing Date	April 3, 2006
				First Named Inventor	Koichi NAKANO
				Art Unit	Unknown
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	Q94053

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 5,256,571	A	10/26/1993	ANNE A. HURLEY, ET AL
		US			
		US			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	9-168399	A	06/30/1997	GEN-PROBE INC.	
		JP	63-168562	A	07/12/1988	MOTOHIDE TAKAHAMA	
		JP	63-168563	A	07/12/1988	MOTOHIDE TAKAHAMA	
		JP	10-323183	A	12/08/1998	OTSUKA PHARMACEUTICAL CO. INC.	Abstract
		JP	7-46101	B2	05/17/1995		Yes
		JP	7-46100	B2	05/17/1995		Yes

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		YUICHI KOMURO, ET AL, "A NEW METHOD OF SEPARATION AND QUANTITATION OF MUCUS GLYCOPROTEIN IN RAT GASTRIC MUCUS GEL LAYER AND IT'S APPLICATION TO MUCUS SECRETION INDUCED BY 16, 16-DIMETHYL PGE2", GASTROENTEROLOGIA JAPONICA, Vol. 26, No. 5, 1991, pages 582-587	
		YUMI OGATA, "RAT IHYOSO NENMAKU SIABO TANRIHO NO KAKURITSU TO TANRI SAIBO NI OKERU NEN'EKI TO TANPAKUSHITSU GOSEI NO KENTO"KITASATO IGAKU, Vol. 24, No. 6, 1994, pages 494-500	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.